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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/573,932	11/02/2006	Rephael Hof	26410-13952	5381
758 FENWICK & V	7590 11/20/200 VEST LLP	EXAMINER		
SILICON VAL	LEY CENTER	PATEL, YOGESH P		
801 CALIFORNIA STREET MOUNTAIN VIEW, CA 94041			ART UNIT	PAPER NUMBER
			3732	
			MAIL DATE	DELIVERY MODE
			11/20/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)		
	10/573,932	HOF ET AL.		
Office Action Summary	Examiner	Art Unit		
	YOGESH PATEL	3732		
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	correspondence address		
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 136(a). In no event, however, may a reply be tirwill apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status				
Responsive to communication(s) filed on 10 N This action is FINAL . 2b) ☐ This action is FINAL . Since this application is in condition for allowated closed in accordance with the practice under the second sec	s action is non-final. nce except for formal matters, pro			
Disposition of Claims				
4) Claim(s) 40-44,47-52,76,77 and 79-91 is/are part 4a) Of the above claim(s) is/are withdra 5) Claim(s) 83-91 is/are allowed. 6) Claim(s) 40-44,46,47,51,52,81 and 82 is/are part 7) Claim(s) 48-50,76,77,79 and 80 is/are objecte 8) Claim(s) are subject to restriction and/or Application Papers 9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) according to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection to the Replacement drawing sheet(s) including the correction and request that any objection and request that any objection and request the request that the request that any objection and request the request that the request tha	ejected. d to. or election requirement. er. cepted or b) □ objected to by the drawing(s) be held in abeyance. Sec	e 37 CFR 1.85(a).		
11)☐ The oath or declaration is objected to by the E	xaminer. Note the attached Office	Action or form PTO-152.		
Priority under 35 U.S.C. § 119				
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Do 5) Notice of Informal F 6) Other:	ate		

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/10/2009 has been entered.

Claim Objections

Claims 40 and 83 are objected to under 37 CFR 1.75(i) which requires each element or step of the claimed invention to separated by a line indentation.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 47 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 47 recites the limitation "the channel" in line 2. There is insufficient antecedent basis for this limitation in the claim.

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Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 40-44, 46, 47, 51-52, 81-82 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hausberger (WO1990/15683) in view of Abel (US 2003/0211442).

Hausberger discloses a drilling instrument (abstract) including a hollow member (figure 5) having a longitudinal axis and an initial cross-sectional area in a plane perpendicular to the longitudinal axis at each point along the longitudinal axis, the member comprising a wall having an open lattice structure (e.g. an open network of rods as defined in a dictionary) surrounding a hollow interior portion of the instrument. Hausberger fails to disclose the member being bendable and resiliently compressible.

Abel teaches a dental drilling instrument including the member 16 (fig. 1) being bendable along the axis and resiliently compressible in cross-sectional area such that, when inserted into a channel of cross-sectional area less than the initial cross-sectional area, the flexible member conforms to an internal shape of the channel ([0031-0032]). Note particularly the embodiment of Figures 6A -6D where the instrument is hollow with thin walls and made of superelastic material ([0048]), consequently it inherently has a degree of resilient compressibility making it capable of conforming to the shape of a root canal. Therefore, it would have been obvious to one of ordinary skill in the art at the

time of the invention was made to modify Hausberger by providing the material properties as claimed as taught by Abel in order to easily navigate within a root canal.

Regarding claim 41, Ni-Ti is shape memory material. Regarding claims 42-44, Abel shows endodontic instrument having radially disposed elements with cutting edges (fig. 4A-D) for cutting tissues/performing root-canal.

Allowable Subject Matter

Claim 48-50, 76-77, 79-80 would be allowable if rewritten to overcome the claim objection, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Claims 83-91 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YOGESH PATEL whose telephone number is (571)270-3646. The examiner can normally be reached on 8:00 to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cris Rodriguez can be reached on 571-272-4964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/YOGESH PATEL/ Examiner, Art Unit 3732

/Ralph A. Lewis/ Primary Examiner, Art Unit 3732